

ABSTRACT OF THE DISCLOSURE

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A cooling channel cover for a one-piece piston of an internal combustion engine, the piston having a closed cooling channel that runs around inside the piston crown, at the level of the piston ring band, and a ring-shaped recess provided between the piston ring band and the piston shaft, wherein the piston shaft is connected with the piston hubs suspended on the piston crown. In such a piston, an easy to assemble cooling channel cover is achieved in that a one-piece, plastic ^{spring steel} ring, U-shaped in cross-section, having radially angled outer and inner shanks around the circumference, has at least one film hinge running around the circumference of the ring. The film hinge allows at least one radial deflection of at least one of the shanks, in such a manner that in order to close off the cooling channel, the shanks engage in a stepped conical recess on the inner edge of the cooling channel.